

#3

117



OIEP

RAW SEQUENCE LISTING

DATE: 03/11/2002

PATENT APPLICATION: US/09/974,685A

TIME: 14:46:44

Input Set : N:\Crf3\RULE60\09974685A.raw

Output Set: N:\CRF3\03112002\I974685A.raw

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1 <110> APPLICANT: Nerenberg, Michael I.
2   Edman, Carl F.
3 <120> TITLE OF INVENTION: ELECTRONICALLY MEDIATED NUCLEIC ACID
4   AMPLIFICATION IN NASBA
5 <130> FILE REFERENCE: 238/072
7 <140> CURRENT APPLICATION NUMBER: 09/974,685A
8 <141> CURRENT FILING DATE: 2001-10-09
10 <150> PRIOR APPLICATION NUMBER: US/09/290,338
11 <151> PRIOR FILING DATE: 1999-04-12
13 <160> NUMBER OF SEQ ID NOS: 62
14 <170> SOFTWARE: FastSEQ for Windows Version 3.0
16 <210> SEQ ID NO: 1
17 <211> LENGTH: 20
18 <212> TYPE: DNA
19 <213> ORGANISM: conserved 16S bacterial sequence
20 <400> SEQUENCE: 1
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23 <210> SEQ ID NO: 2
24 <211> LENGTH: 15
25 <212> TYPE: DNA
26 <213> ORGANISM: conserved 16S bacterial sequence
27 <400> SEQUENCE: 2
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30 <210> SEQ ID NO: 3
31 <211> LENGTH: 40
32 <212> TYPE: DNA
33 <213> ORGANISM: conserved 16S bacterial sequence
34 <400> SEQUENCE: 3
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   accgcacga atgcatgtcc tcgggtgcat gtggtttaat
37 <210> SEQ ID NO: 4
38 <211> LENGTH: 41
39 <212> TYPE: DNA
40 <213> ORGANISM: conserved 16S bacterial sequence
41 <400> SEQUENCE: 4
42
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44 <210> SEQ ID NO: 5
45 <211> LENGTH: 20
46 <212> TYPE: DNA
47 <213> ORGANISM: human
48 <400> SEQUENCE: 5

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ENTERED

40

41

49

actacagtga cgtggacatc

51 <210> SEQ ID NO: 6

52 <211> LENGTH: 20

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Input Set : N:\Crf3\RULE60\09974685A.raw

Output Set: N:\CRF3\03112002\I974685A.raw

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53 <212> TYPE: DNA
54 <213> ORGANISM: human
55 <400> SEQUENCE: 6
56
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59 <211> LENGTH: 42
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61 <213> ORGANISM: human
62 <400> SEQUENCE: 7
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65 <210> SEQ ID NO: 8
66 <211> LENGTH: 42
67 <212> TYPE: DNA
68 <213> ORGANISM: human
69 <400> SEQUENCE: 8
70
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72 <210> SEQ ID NO: 9
73 <211> LENGTH: 42
74 <212> TYPE: DNA
75 <213> ORGANISM: human
76 <400> SEQUENCE: 9
77
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79 <210> SEQ ID NO: 10
80 <211> LENGTH: 18
81 <212> TYPE: DNA
82 <213> ORGANISM: human
83 <400> SEQUENCE: 10
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   ctgtattcct cgcctgtc
86 <210> SEQ ID NO: 11
87 <211> LENGTH: 18
88 <212> TYPE: DNA
89 <213> ORGANISM: E. coli
90 <400> SEQUENCE: 11
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   ctcattctctg aaaacttc
93 <210> SEQ ID NO: 12
94 <211> LENGTH: 18
95 <212> TYPE: DNA
96 <213> ORGANISM: Shigella dysenteriae
97 <400> SEQUENCE: 12
98
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100 <210> SEQ ID NO: 13
101 <211> LENGTH: 18
102 <212> TYPE: DNA
103 <213> ORGANISM: Salmonella typhimurium
104 <400> SEQUENCE: 13
105

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tccatctctg gattcttc
107 <210> SEQ ID NO: 14
108 <211> LENGTH: 18
109 <212> TYPE: DNA

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Input Set : N:\Crif3\RULE60\09974685A.raw

Output Set: N:\CRF3\03112002\I974685A.raw

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110 <213> ORGANISM: Camphylobacter Jejuni
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117 <213> ORGANISM: conserved 16S bacterial sequence
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122 <211> LENGTH: 50
123 <212> TYPE: DNA
124 <213> ORGANISM: human T-cell leukemia virus-1
125 <400> SEQUENCE: 16
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128 <210> SEQ ID NO: 17
129 <211> LENGTH: 23
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131 <213> ORGANISM: human T-cell leukemia virus-1
132 <400> SEQUENCE: 17
133
   acttcccagg gtttggacag agt
135 <210> SEQ ID NO: 18
136 <211> LENGTH: 30
137 <212> TYPE: DNA
138 <213> ORGANISM: human T-cell leukemia virus-1
139 <400> SEQUENCE: 18
140
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142 <210> SEQ ID NO: 19
143 <211> LENGTH: 23
144 <212> TYPE: DNA
145 <213> ORGANISM: human T-cell leukemia virus-1
146 <400> SEQUENCE: 19
147
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149 <210> SEQ ID NO: 20
150 <211> LENGTH: 42
151 <212> TYPE: DNA
152 <213> ORGANISM: human
153 <400> SEQUENCE: 20
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156 <210> SEQ ID NO: 21
157 <211> LENGTH: 42
158 <212> TYPE: DNA
159 <213> ORGANISM: human
160 <400> SEQUENCE: 21
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50

42

42

163 <210> SEQ ID NO: 22
164 <211> LENGTH: 20
165 <212> TYPE: DNA
166 <213> ORGANISM: human

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Input Set : N:\Crf3\RULE60\09974685A.raw

Output Set: N:\CRF3\03112002\I974685A.raw

167 <400> SEQUENCE: 22

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actacagtga cgtggacatc

170 <210> SEQ ID NO: 23

171 <211> LENGTH: 20

172 <212> TYPE: DNA

173 <213> ORGANISM: human

174 <400> SEQUENCE: 23

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177 <210> SEQ ID NO: 24

178 <211> LENGTH: 18

179 <212> TYPE: DNA

180 <213> ORGANISM: human

181 <400> SEQUENCE: 24

182

ctgtattcct cgcctgtc

184 <210> SEQ ID NO: 25

185 <211> LENGTH: 42

186 <212> TYPE: DNA

187 <213> ORGANISM: Chlamydia trachomatis

188 <400> SEQUENCE: 25

189

cacgtagtca atgcatgtcc tcgggtacaa catcaacacc tg

42

191 <210> SEQ ID NO: 26

192 <211> LENGTH: 42

193 <212> TYPE: DNA

194 <213> ORGANISM: Chlamydia trachomatis

195 <400> SEQUENCE: 26

196

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42

198 <210> SEQ ID NO: 27

199 <211> LENGTH: 17

200 <212> TYPE: DNA

201 <213> ORGANISM: Chlamydia trachomatis

202 <400> SEQUENCE: 27

203

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205 <210> SEQ ID NO: 28

206 <211> LENGTH: 19

207 <212> TYPE: DNA

208 <213> ORGANISM: Chlamydia trachomatis

209 <400> SEQUENCE: 28

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212 <210> SEQ ID NO: 29

213 <211> LENGTH: 15

214 <212> TYPE: DNA

215 <213> ORGANISM: Chlamydia trachomatis

216 <400> SEQUENCE: 29

217

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219 <210> SEQ ID NO: 30

220 <211> LENGTH: 16
221 <212> TYPE: DNA
222 <213> ORGANISM: Chlamydia trachomatis
223 <400> SEQUENCE: 30

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Input Set : N:\Crif3\RULE60\09974685A.raw

Output Set: N:\CRF3\03112002\I974685A.raw

224

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227 <211> LENGTH: 42

228 <212> TYPE: DNA

229 <213> ORGANISM: human

230 <400> SEQUENCE: 31

231

cacgtagtca atgcatgtcc tcgggtataa ccttggctgt ac

42

233 <210> SEQ ID NO: 32

234 <211> LENGTH: 42

235 <212> TYPE: DNA

236 <213> ORGANISM: human

237 <400> SEQUENCE: 32

238

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240 <210> SEQ ID NO: 33

241 <211> LENGTH: 19

242 <212> TYPE: DNA

243 <213> ORGANISM: human

244 <400> SEQUENCE: 33

245

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247 <210> SEQ ID NO: 34

248 <211> LENGTH: 19

249 <212> TYPE: DNA

250 <213> ORGANISM: human

251 <400> SEQUENCE: 34

252

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254 <210> SEQ ID NO: 35

255 <211> LENGTH: 18

256 <212> TYPE: DNA

257 <213> ORGANISM: human

258 <400> SEQUENCE: 35

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261 <210> SEQ ID NO: 36

262 <211> LENGTH: 18

263 <212> TYPE: DNA

264 <213> ORGANISM: human

265 <400> SEQUENCE: 36

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268 <210> SEQ ID NO: 37

269 <211> LENGTH: 45

270 <212> TYPE: DNA

271 <213> ORGANISM: Salmonella

272 <400> SEQUENCE: 37

273

aattccgcat gagctgggta atgttggtact gtagtaatgc tctgc

45

275 <210> SEQ ID NO: 38

276 <211> LENGTH: 70

277 <212> TYPE: DNA

278 <213> ORGANISM: Salmonella

279 <400> SEQUENCE: 38

280 cctatcaatt tacctactaa atcacgatta tcccctagag tcatgtgggc tcttcagacc

60

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/974,685A

DATE: 03/11/2002
TIME: 14:46:45

Input Set : N:\Crf3\RULE60\09974685A.raw
Output Set: N:\CRF3\03112002\I974685A.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 21
Seq#:2; Line(s) 28
Seq#:3; Line(s) 35
Seq#:4; Line(s) 42
Seq#:5; Line(s) 49
Seq#:6; Line(s) 56
Seq#:7; Line(s) 63
Seq#:8; Line(s) 70
Seq#:9; Line(s) 77
Seq#:10; Line(s) 84
Seq#:11; Line(s) 91
Seq#:12; Line(s) 98
Seq#:13; Line(s) 105
Seq#:14; Line(s) 112
Seq#:15; Line(s) 119
Seq#:16; Line(s) 126
Seq#:17; Line(s) 133
Seq#:18; Line(s) 140
Seq#:19; Line(s) 147
Seq#:20; Line(s) 154
Seq#:21; Line(s) 161
Seq#:22; Line(s) 168
Seq#:23; Line(s) 175
Seq#:24; Line(s) 182
Seq#:25; Line(s) 189
Seq#:26; Line(s) 196
Seq#:27; Line(s) 203
Seq#:28; Line(s) 210
Seq#:29; Line(s) 217
Seq#:30; Line(s) 224
Seq#:31; Line(s) 231
Seq#:32; Line(s) 238
Seq#:33; Line(s) 245
Seq#:34; Line(s) 252
Seq#:35; Line(s) 259
Seq#:36; Line(s) 266
Seq#:37; Line(s) 273
Seq#:38; Line(s) 280,281
Seq#:39; Line(s) 288
Seq#:40; Line(s) 295
Seq#:41; Line(s) 302
Seq#:42; Line(s) 309
Seq#:43; Line(s) 316

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/974,685A

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TIME: 14:46:45

Input Set : N:\Crf3\RULE60\09974685A.raw
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Seq#:44; Line(s) 323
Seq#:45; Line(s) 330
Seq#:46; Line(s) 337,338
Seq#:47; Line(s) 345
Seq#:48; Line(s) 352,353
Seq#:49; Line(s) 360
Seq#:50; Line(s) 367,368
Seq#:51; Line(s) 375
Seq#:52; Line(s) 382,383
Seq#:53; Line(s) 390
Seq#:54; Line(s) 397,398
Seq#:55; Line(s) 405
Seq#:56; Line(s) 412,413
Seq#:57; Line(s) 420
Seq#:58; Line(s) 427,428
Seq#:59; Line(s) 435
Seq#:60; Line(s) 442,443
Seq#:61; Line(s) 450
Seq#:62; Line(s) 457

VERIFICATION SUMMARY

DATE: 03/11/2002

PATENT APPLICATION: US/09/974,685A

TIME: 14:46:45

Input Set : N:\Crf3\RULE60\09974685A.raw

Output Set: N:\CRF3\03112002\I974685A.raw